Title (en)

Oxygen absorptive resin composition

Title (de)

Sauerstoffabsorbierende Harzzusammensetzung

Title (fr)

Composition de résine absorbant l'oxygène

Publication

EP 1033080 A2 20000906 (EN)

Application

EP 00104703 A 20000303

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- JP 5526499 A 19990303
- JP 16119099 A 19990608
- JP 16119199 A 19990608
- JP 21208699 A 19990727
- JP 21866999 A 19990802
- JP 22028899 A 19990803

Abstract (en)

The oxygen absorptive resin composition of the present invention includes: a thermoplastic resin (a) having carbon-carbon double bonds; a gas barrier resin (b) having an oxygen transmission rate of 500ml .20 mu m/m<2> .day .atm or less (20 DEG C 65%RH); and a transition metal salt (c). This resin composition and molded articles formed using the resin composition effectively absorb and scavenge oxygen when used to package products susceptible to degradation by oxygen, such as foods and drinks. <IMAGE>

IPC 1-7

A23L 3/3436; B65D 81/26

IPC 8 full level

A23L 3/3436 (2006.01); **B32B 27/08** (2006.01); **B65D 81/26** (2006.01); **C08K 5/098** (2006.01); **C08L 27/06** (2006.01); **C08L 29/04** (2006.01); **C08L 77/00** (2006.01); C08L 53/02 (2006.01)

CPC (source: EP US)

A23L 3/3436 (2013.01 - EP US); **B32B 27/08** (2013.01 - EP US); **B32B 27/18** (2013.01 - US); **B32B 27/302** (2013.01 - US); **B32B 27/304** (2013.01 - US); **B32B 27/306** (2013.01 - US); **B32B 27/308** (2013.01 - US); **B32B 27/34** (2013.01 - US); **B32B 27/36** (2013.01 - US); **B65D 81/264** (2013.01 - EP US); **C08K 5/098** (2013.01 - EP US); **C08L 27/06** (2013.01 - EP US); **C08L 29/04** (2013.01 - EP US); **C08L 77/00** (2013.01 - EP US); B32B 2327/06 (2013.01 - US); B32B 2367/00 (2013.01 - US); B32B 2377/00 (2013.01 - US); B32B 2439/70 (2013.01 - US); B32B 2439/80 (2013.01 - US); C08K 2201/008 (2013.01 - EP US); C08L 53/02 (2013.01 - EP US); Y10T 428/1352 (2015.01 - EP US); Y10T 428/1379 (2015.01 - EP US); Y10T 428/1383 (2015.01 - EP US); Y10T 428/31794 (2015.04 - EP US)

C-Set (source: EP US)

1. **C08K 5/098** + **C08L 53/02**
2. **C08L 27/06** + **C08L 2666/24**
3. **C08L 29/04** + **C08L 2666/24**
4. **C08L 77/00** + **C08L 29/00**
5. **C08L 77/00** + **C08L 25/00**
6. **C08L 77/00** + **C08L 27/00**

Cited by

ES2358707A1; CN102977452A; EP1464482A4; EP1184418A1; EP1316582A4; EP1538176A1; CN100408162C; KR100780567B1; US7247390B1; WO2021175617A1; US7186464B2; US6525123B1; WO2007068536A1; WO02072695A1; WO2004018556A1; WO0190238A3; US7064158B2; US6822031B2; US7893145B2; US6793994B2; WO2011045464A1; US7608340B2; US7608341B2; US8153714B2

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